100-4A 10-29-02 105-4 10-18-11

ESTIMATE REFERENCE INFORMATION

		ESTIMATE REFERENCE INFORMATION
Item No.	Item Code	Description
- 61	- 2602-0000100	CLEAN-OUT OF SILT FENCE FOR DITCH CHECK Item is included for maintaining the new silt fence for ditch checks installed for the paving project and existing silt fence for ditch checks installed as part of the grading project.
- 62 63	- 2602-0000312 2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA. PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA. This item is included for the temporary perimeter sediment control and water velocity reduction on slopes.
		Wattles and sediment logs shall consist of wood excelsior or straw contained in a tube of ultraviolet (UV) degradable open weave fabric (synthetic netting). Wattle or sediment log installation shall be as per manufacturer's recommended installation procedures.
		Filter socks shall be a continuous, tubular, knitted mesh netting with 3/8" opening, constructed of 5-mil thickness, photodegradable HDPE. The filter material shall be compost from an approved source meeting Article 4169.08 of the Standard Specifications. The sock shall be filled by blowing the filter material into the tube with a special pneumatic blower truck or similar device. Hand filling is not an acceptable means to fill the sock. Compost filter socks shall be installed as per manufacturer's recommended installation procedures.
-	-	ALTERNATE AA OPTION 1
64 65		- SPECIAL BACKFILL PAVED SHOULDER, P.C. CONCRETE, 7 IN. Refer to B.1 - B.3 and Tab 112-9 for locations and details.
- 66		- MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE Refer to Tab 112-10.
-	-	ALTERNATE AA OPTION 2
- 67 68		- SPECIAL BACKFILL PAVED SHOULDER, HOT MIX ASPHALT MIXTURE 8 IN. Refer to B.1 - B.3 and Tab 112-9 for locations and details.
- 69 70		- MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS) Refer to Tab 112-10.
-	-	- ALTERNATE BB OPTION 1
- 71	- 2526-8285000	- CONSTRUCTION SURVEY
-	-	 - ALTERNATE BB OPTION 2
- 72	- 2301-9090100	PCC PAVING 3-D MACHINE CONTROL Refer to Developmental Specification "PCC Paving 3-D machine Control" for additional information.
- 73	- 2526-8285000	- CONSTRUCTION SURVEY
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74	2526-8286000	GLOBAL POSITIONING SYSTEM (GPS) MACHINE CONTROL GRADING
		Refer to Developmental Specification "Global Positioning System Machine Control Grading" for additional information.
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STANDARD ROAD PLANS

STANDARD ROAD PLANS						
		The following Standard Road Plans apply to construction work on this project.				
Number	Date	Title				
BA-200	10-18-11	Steel Beam Guardrail Components				
BA-202	10-18-11	Steel Beam Guardrail Bolted End Anchor				
BA-203	10-18-11	Steel Beam Guardrail W-Beam End Anchor				
BA-401	04-20-10	Temporary Barrier Rail (Precast Concrete)				
BA-500	04-20-10	Temporary Crash Cushions Sand Barrel				
EC-103	04-20-10	Wood Excelsior Mat for Slope Protection				
EC-201	04-20-10	Silt Fence				
PV-12	10-18-11	Milled Shoulder Rumble Strips				
PV-101	04-19-11	Joints				
PV-302	04-19-11	Superelevation Details Four Lane Roadway Depressed Median				
PV-303		Superelevation Details Ramps				
RF-2	10-18-11	Construction of Type "C" Concrete Adaptors for Pipe Culvert Connections				
RF-3	10-18-11	Concrete Aprons				
RF-5	10-03-00	Metal Pipe Aprons and Beveled Ends				
RF-13	10-18-11	Pipe Bends and Half Pipe				
RF-14	10-18-11	Connected Pipe Joints				
RF-19C	10-19-10	Subdrains (Longitudinal)				
RF-19E	10-20-09	Outlets for Longitudinal, Transverse and Backslope Subdrains				
RF-30A	10-19-10	Culvert (Bedding and Backfill)				
RF-30B	10-19-10	Pipe Culvert (Cover and Camber)				
RF-30C	04-30-02	Pipe Culvert (Installation Details)				
RF-31	03-28-95	Depth of Cover Tables for Concrete Pipe				
RF-32	10-19-10	Depth of Cover Tables for Corrugated Pipe				
RG-2	10-19-04	Details for Hot Mix Asphalt Resurfacing (Double Course)				
RL-4		Ditch Blocks and Dikes				
RL-6	10-17-06	Settlement Plate				
RM-42	10-18-11	Precast Handhole				
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SW-102		Rigid Gravity Pipe Trench Bedding				
SW-211	04-21-09	Special Pipe Connections for Storm Sewer				
SW-511	04-21-09	Rectangular Area Intake				
SW-512	10-20-09	Circular Area Intake				
TC-1	10-18-11	Work Not Affecting Traffic (Two-Lane or Multi-Lane)				
TC-402	04-20-10	Shoulder Closure (Multi-Lane)				
TC-416	10-18-11	Partial Lane Closure on Ramps				
TC-418	10-18-11	Lane Closure on Divided Highway				
TC-420	04-20-10	Lane Closure at Ramps				
TC-422	10-18-11	Closure of Two Adjacent Lanes on Divided Highway				
TC-432	10-17-06	Shoulder Rumble Strip Operations				
TC-433	10-18-11	Pavement Marking Operations				
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100-22	Special Ditch Control and Slope Protection	C.6				
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